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Title: NEURAL NETWORK PATTERN RECOGNITION FOR PREDICTING PHARMACODYNAMICS USING PATIENT CHARACTERISTICS

Inventors: URQUIDI-MACDONALD et al.

Atty Docket No.: 402869

Leydig, Voit & Mayer 202-737-6770

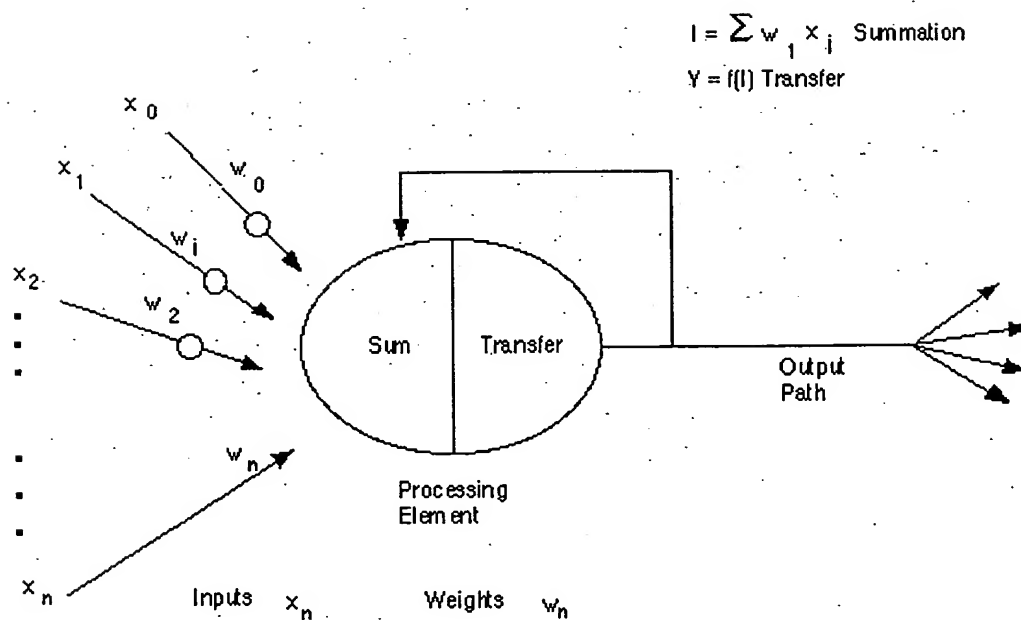


FIGURE 1

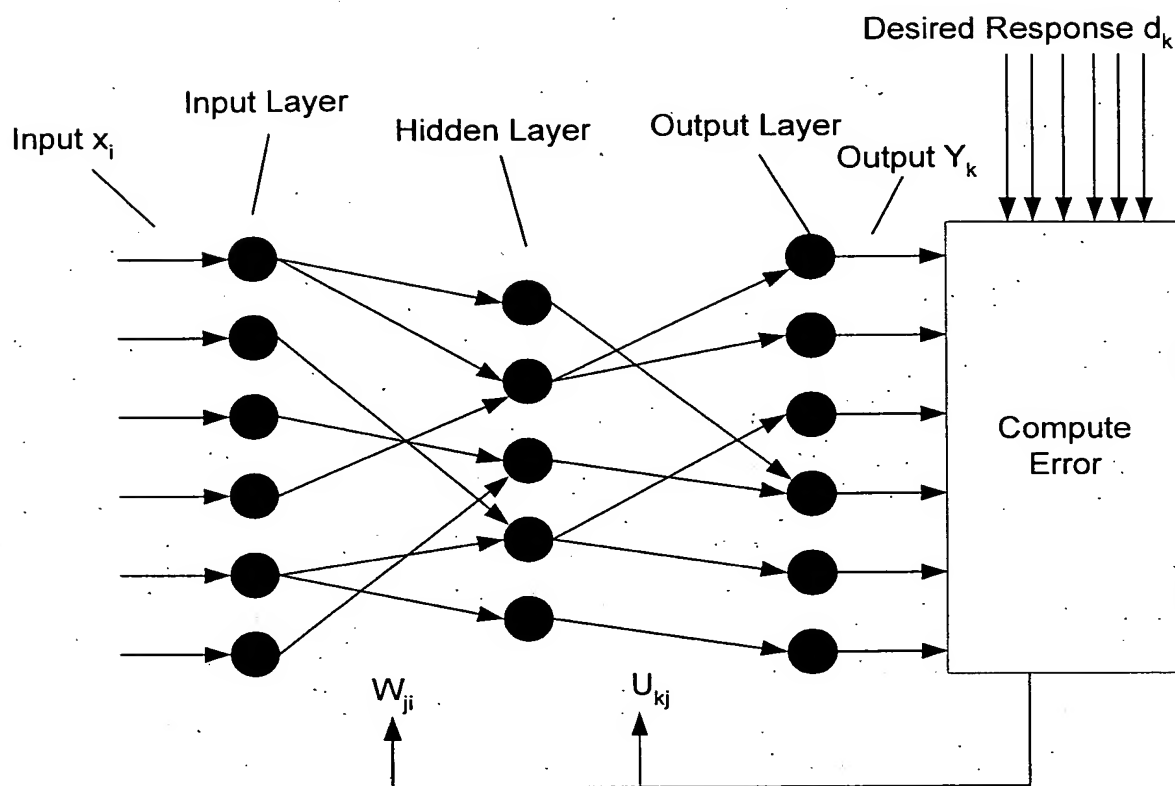


FIGURE 2

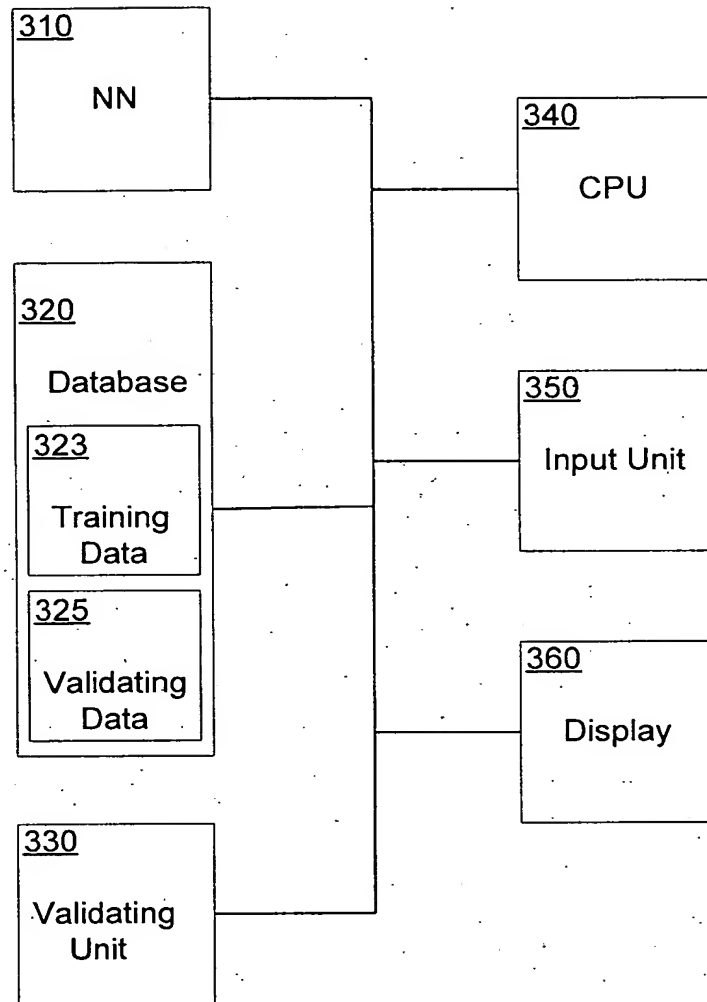


FIGURE 3

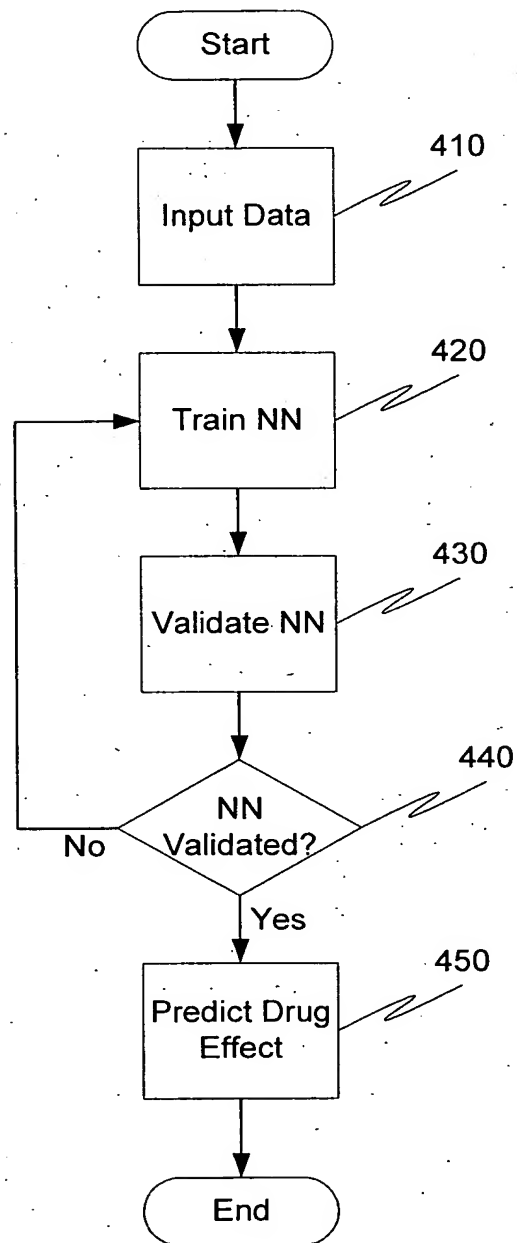


FIGURE 4

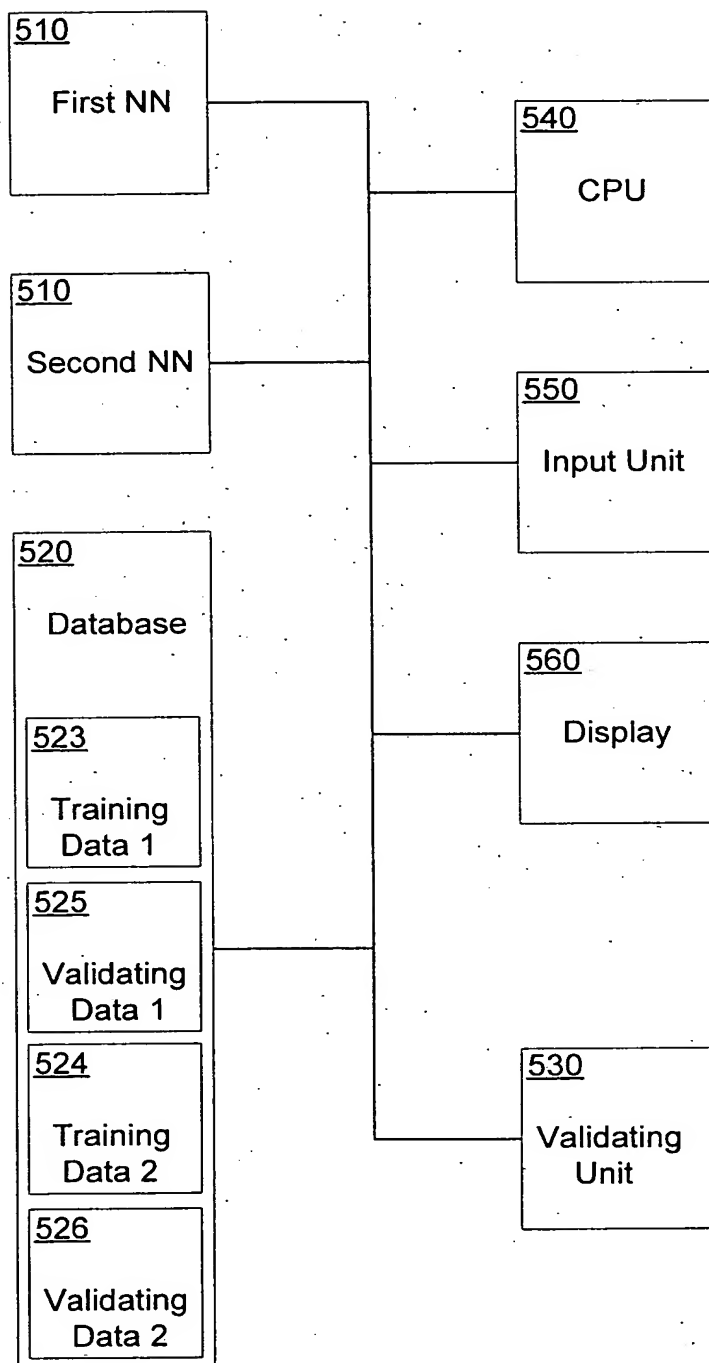


FIGURE 5

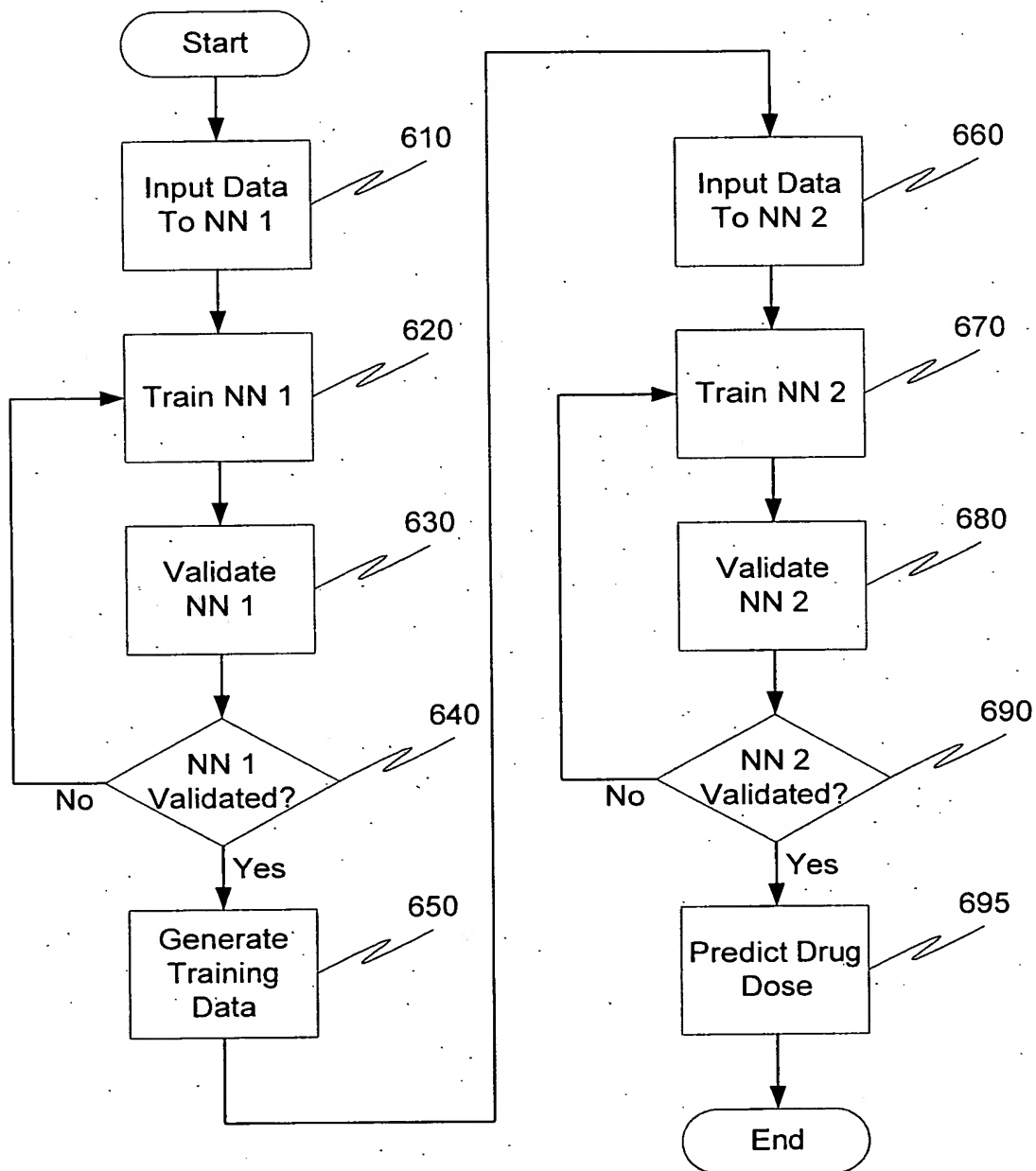


FIGURE 6

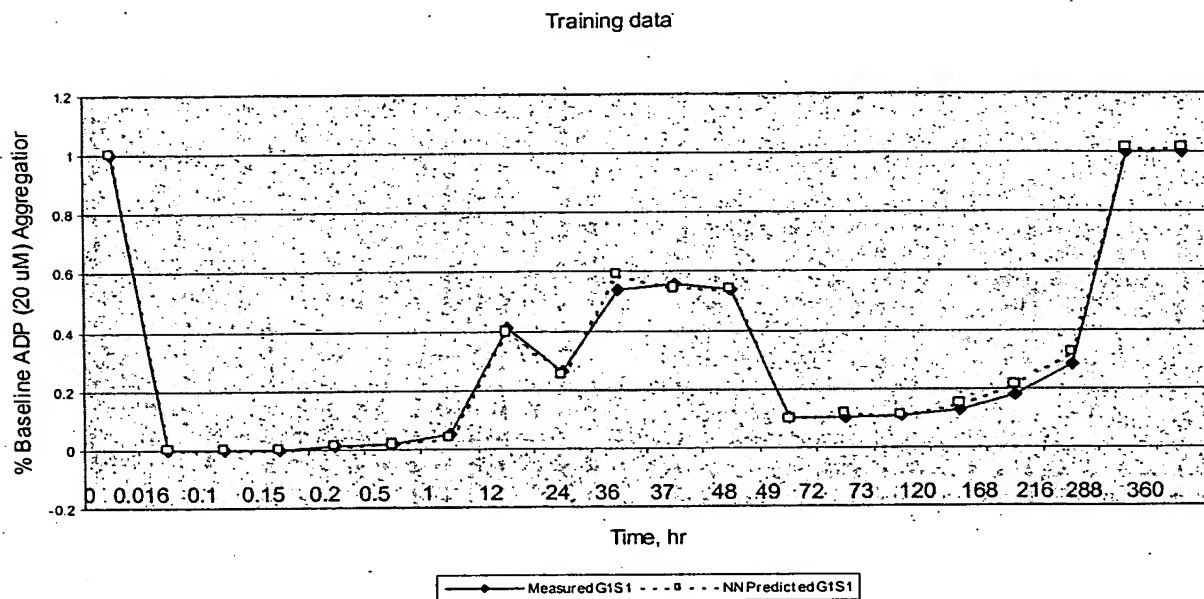


FIGURE 7

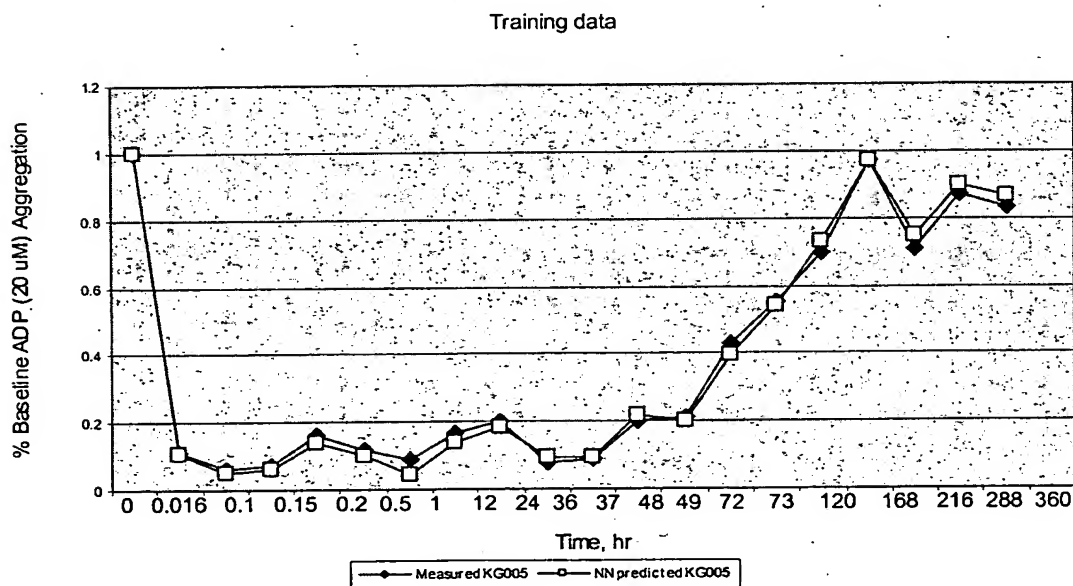


FIGURE 8

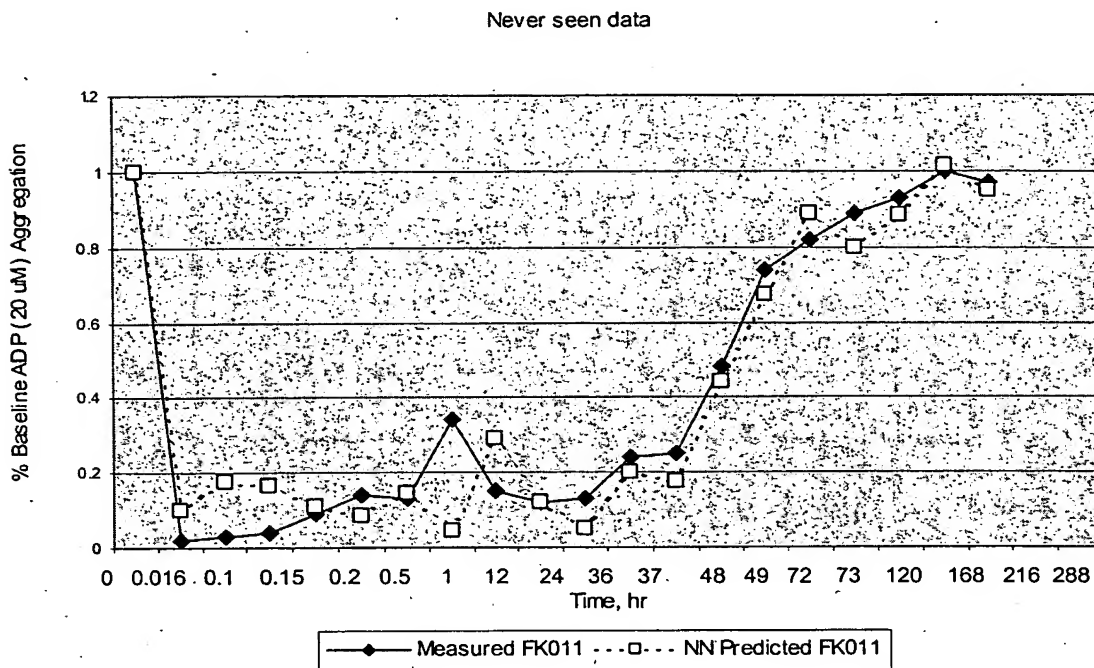


FIGURE 9

1021

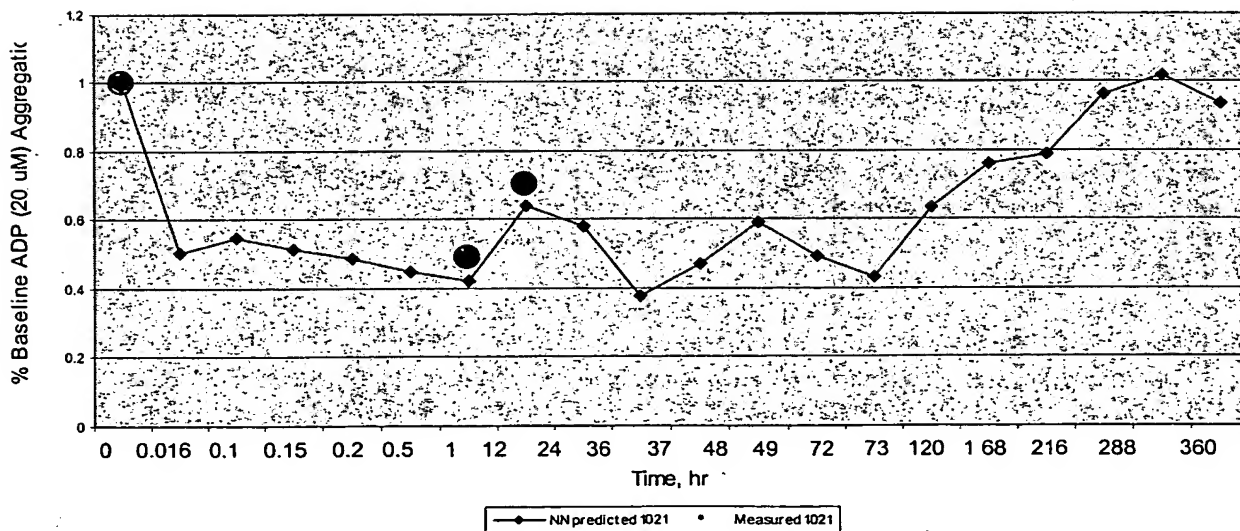


FIGURE 10

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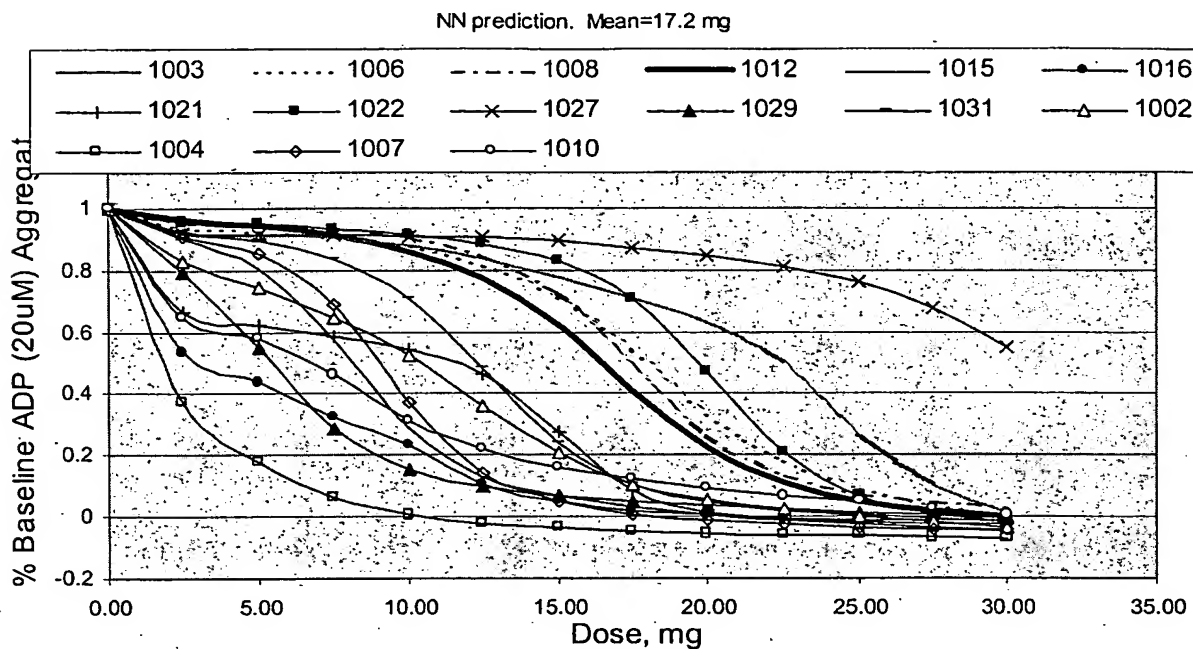


FIGURE 11

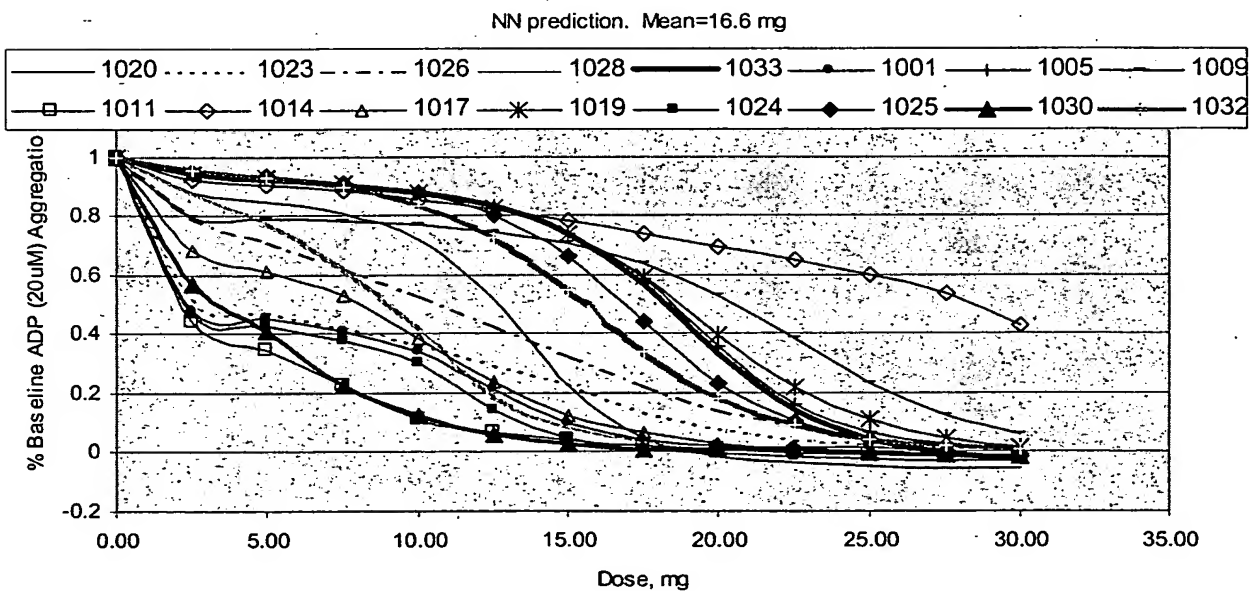


FIGURE 12

Required Baseline Aggregation Response

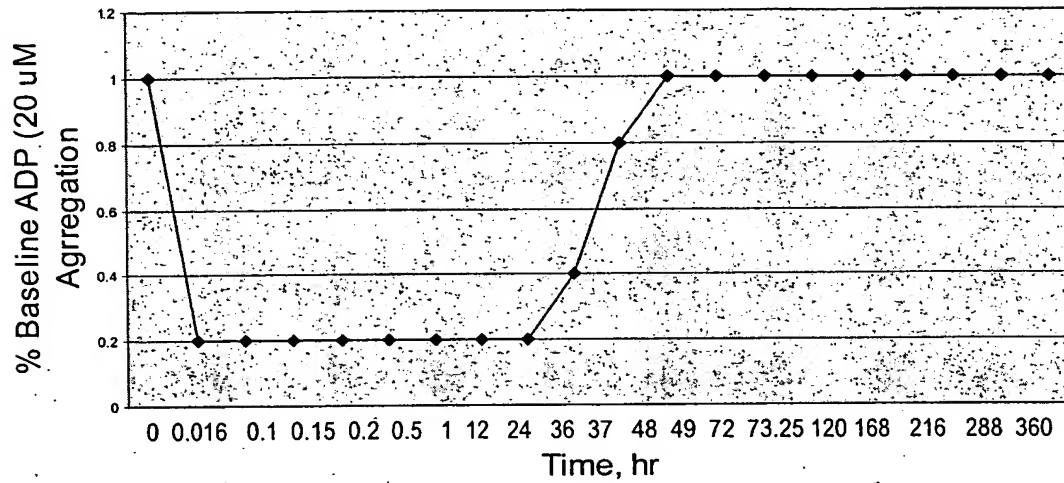


FIGURE 13

EH0013

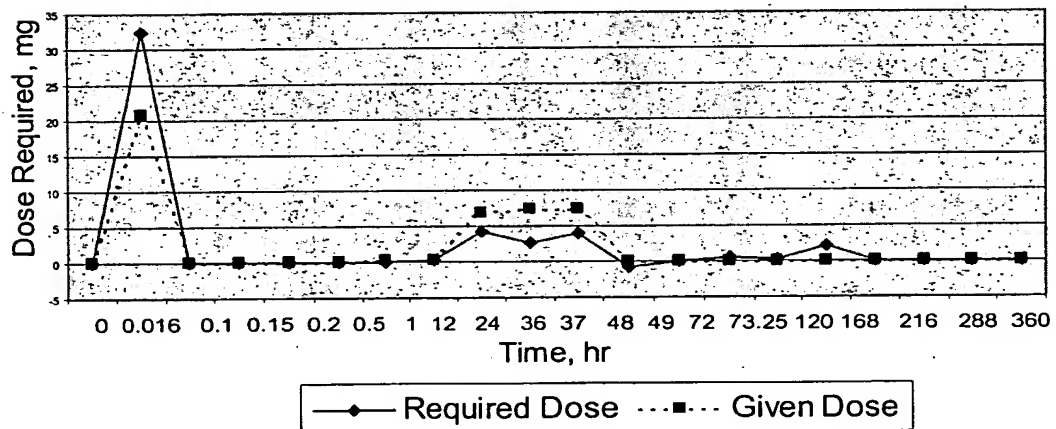


FIGURE 14

SK002

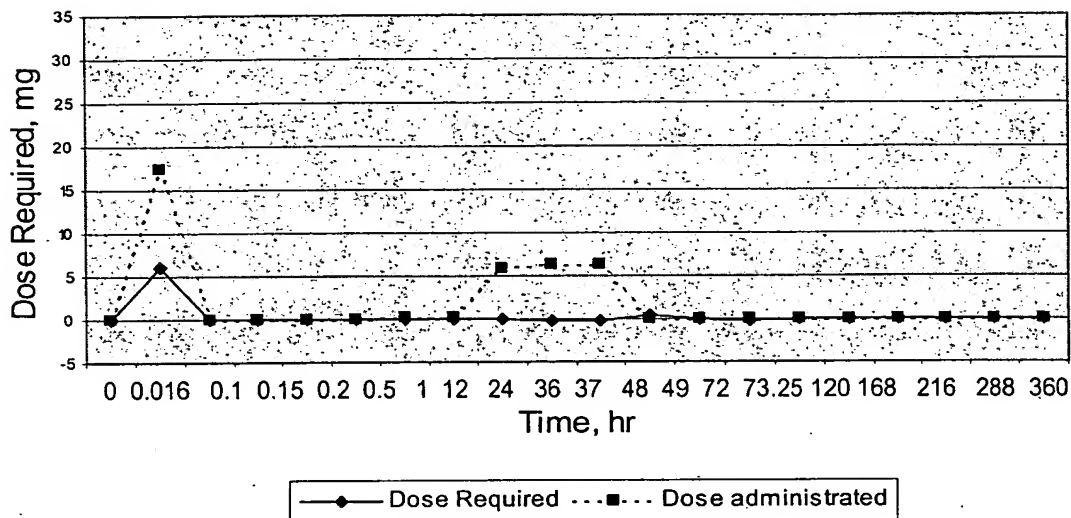


FIGURE 15

1006

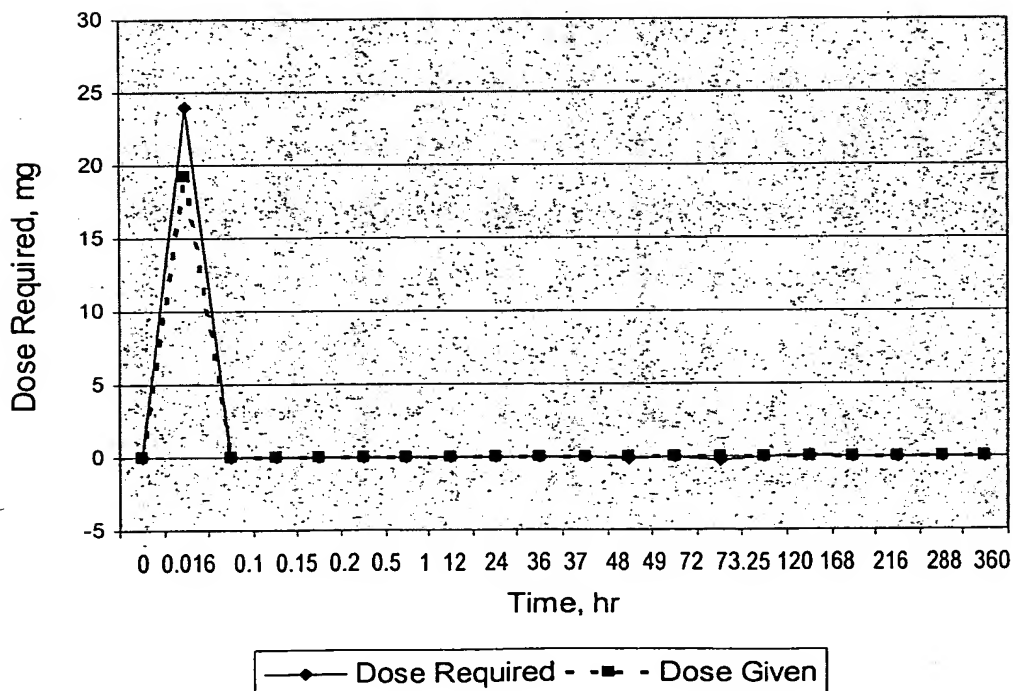


FIGURE 16

NN Predicted

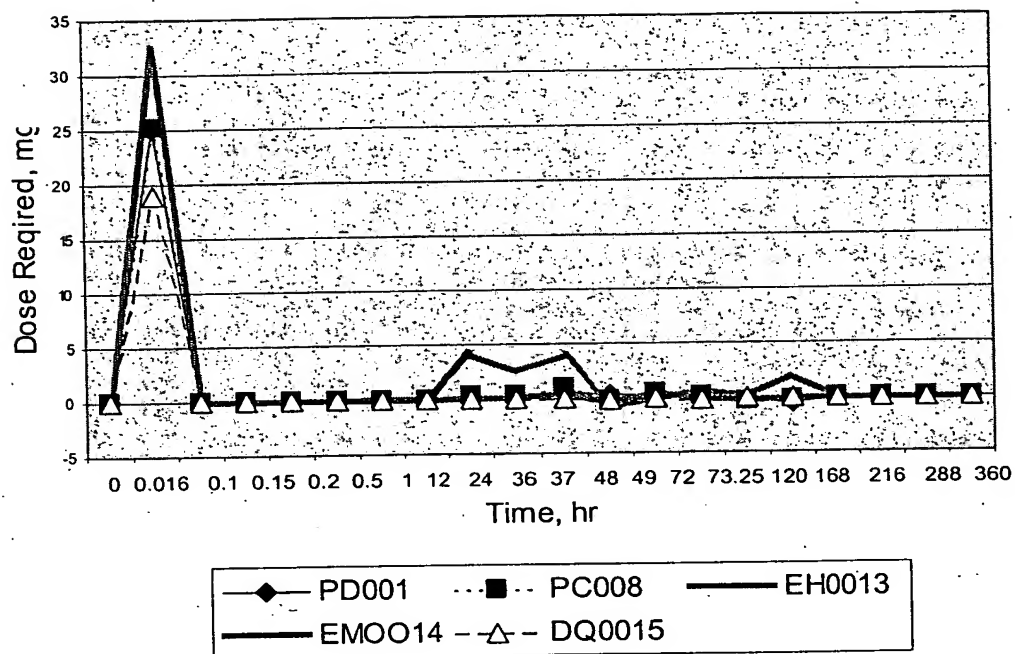


FIGURE 17

NN Predicted

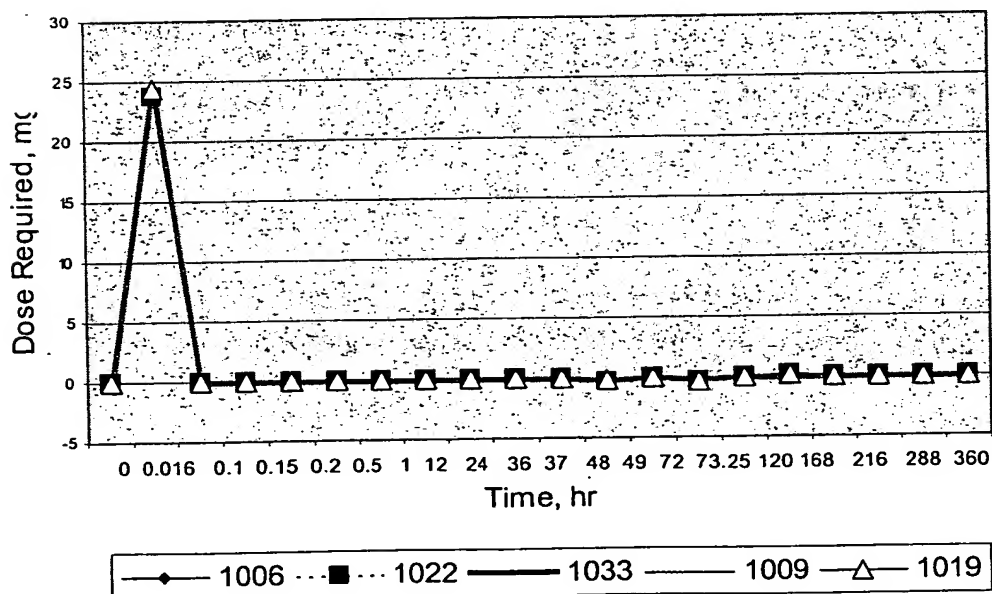


FIGURE 18

Healthy NN Predicted

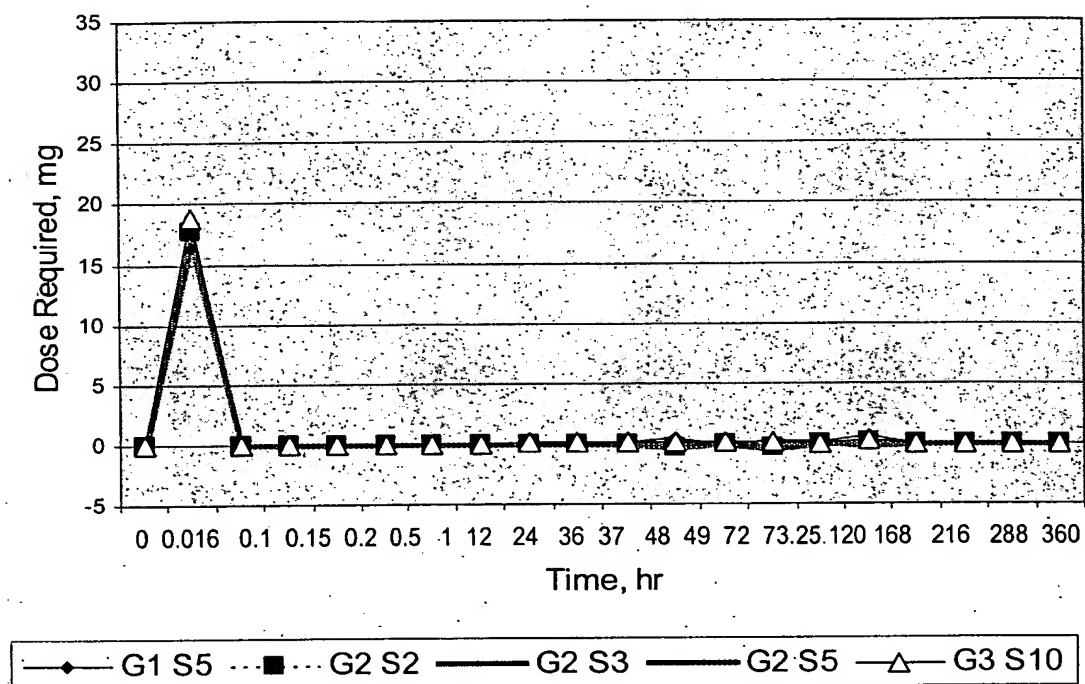


FIGURE 19

Required Baseline Aggregation Response

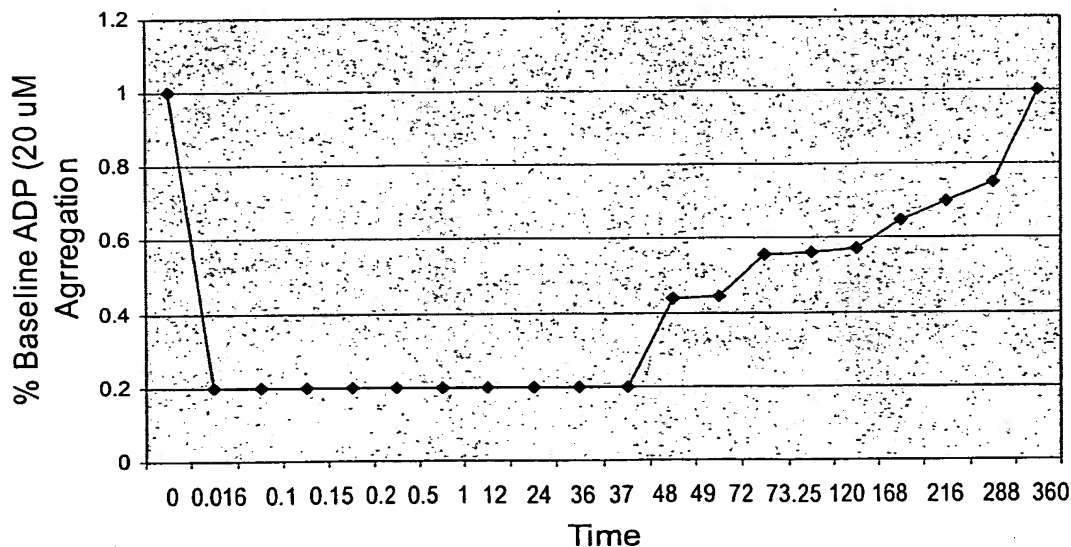


FIGURE 20

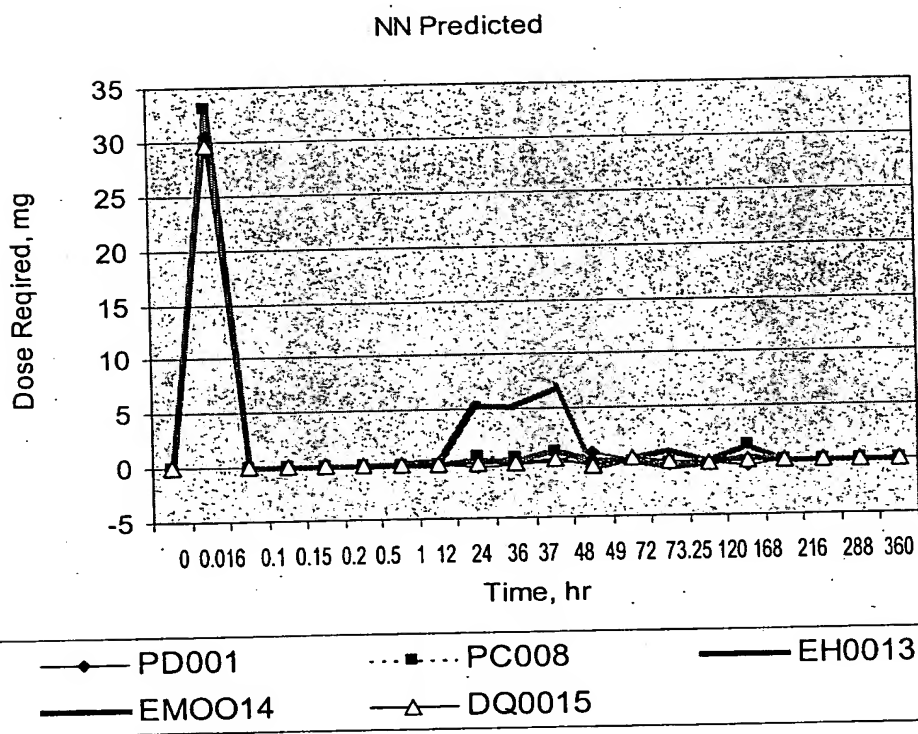


FIGURE 21

NN Predicted

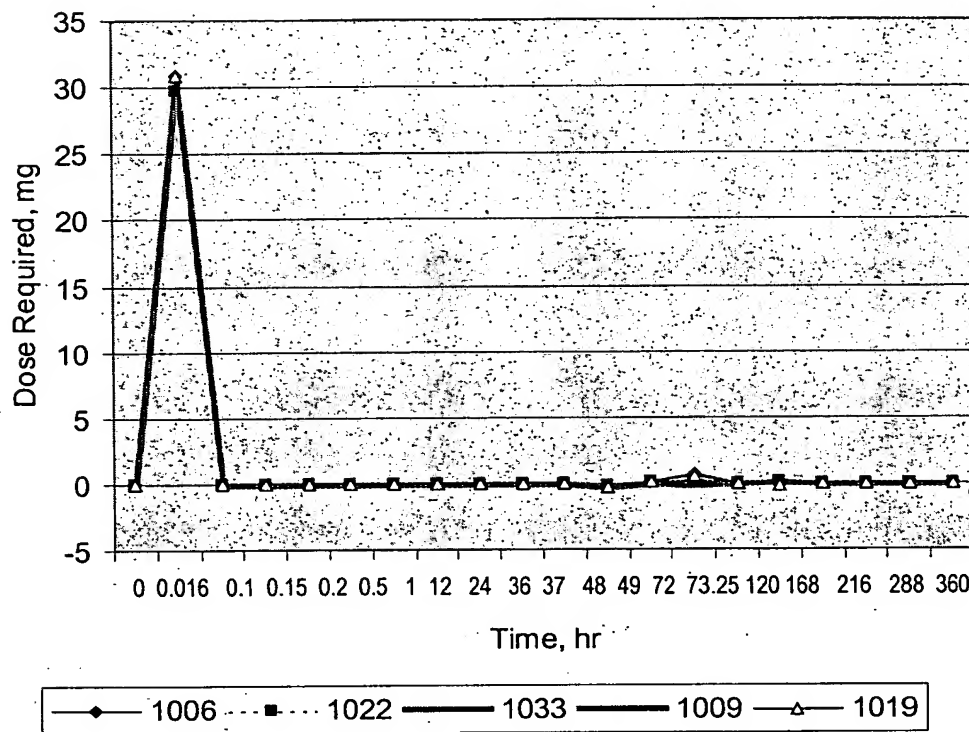


FIGURE 22

Healthy

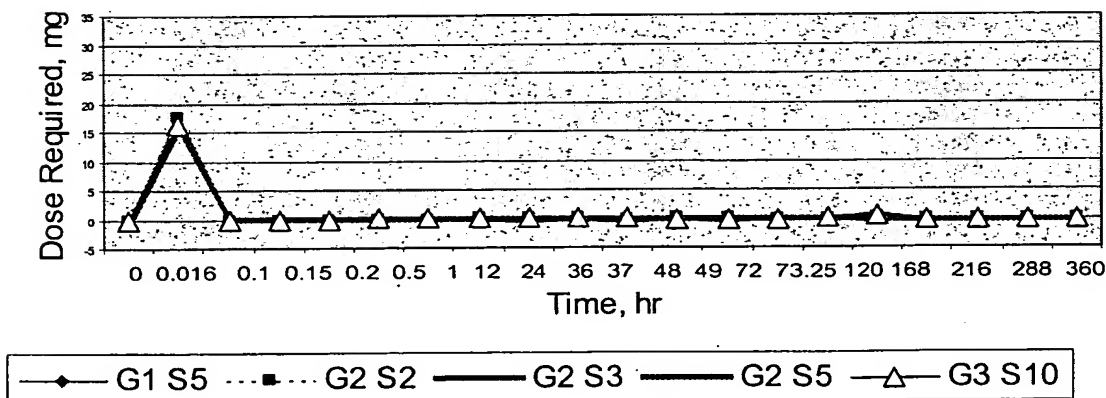


FIGURE 23